

Changes for 1.6d  
04 Jan 2001 www/help/bb-rep.html

End period is now 31-12-2001

04 Jan 2001 src/bbd.c

by default  
Fixed missing recovery message  
for certain OSes.

04 Jan 2001 src/bbpage.c

Cleared up a debug message

04 Jan 2001 src/bbd.c

misuse of bb\_putenv().  
Change that was not carried  
in 1.6b that should have been :

Changes for 1.6b  
03 Jan 2001 etc/bbinc.sh

changed grep to \$GREP  
Test against # of args, not empty \$2  
Thanks to Mark.Deiss@acs-gsg.com

03 Jan 2001 src/bbpage.c

Fixed problem when a single day  
range or time range was defined in a  
rule line: no match were found.

02 Jan 2001 runbb.sh

Also accept UID instead of user name  
at startup for user validity check  
Changed how putenv() is handled.

02 Jan 2001 src/utlis.c

Always use static variables in  
the putenv() call itself.

01 Jan 2001 src/bbpage.c

Fixed mishandling of rule recipients  
Thanks to valankar@fxcorp.com

29 Dec 2000 bin/bb-msgs.sh

Messages/syslog test now expires  
after a pre-determined amount of time

29 Dec 2000 etc/bbdef.sh

Improper status was sent  
for disk/cpu/procs when  
local test was disabled

29 Dec 2000 src/bbpage.c

Thanks to Anthon Pang <apang@ndsi.bc.ca>  
Fixed bug when handling  
a recipient defined on  
more than 1 rule. Pagedelay  
would not be set correctly.

Changes for 1.6a  
21 Dec 2000 src/bbpage.c

Fixed "invalid time range"  
error

Changes for 1.6  
19 Dec 2000 src/bbd.c

Betal & Betal2 & Betal3  
Fixed core dump when  
strings replacement  
weren't handled properly

19 Dec 2000 src/bb.h

Fixed bug when "time to live  
exceeded" message would be  
green

18 Dec 2000 src/bbpage.c

Fixed ignforall bug

18 Dec 2000 src/utlis.c

Fixed "Full HTML log" error  
IP port can be defined  
as well as port name in  
a directive. i.e ssh:22

18 Dec 2000 web/bb-hist.sh

Fixed empty "rm" bug introduced  
in one of the betas

18 Dec 2000 web/bb-hist.sh

Better start/restart procedure  
Redhat changed ps (again...)

17 Dec 2000 runbb.sh

so the output is not as expected  
Added new bbd test

17 Dec 2000 web/bb-hist.sh

SSH test will connect using  
"Big-Brother-Monitor-<version>" tag.  
It makes it easier to mask out  
for log parsing programs

17 Dec 2000 bin/bb-network.sh

Added LN

Added bbrog: program name

Changes for 1.6beta3  
etc/bbmsg.sh  
etc/bbchkcmds.sh  
src/bbseend.c

Added bbrog: program name

Added LN

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Added bbrog: program name

for reference in bb\_errmsg();

Added test for "unreachable"  
in case of failure.  
Added an index.wml link to bb.wml  
from a suggestion of  
Dominique FRISE <Dominique.Frise@ci.unil.ch>  
Made minor changes to appease  
lint...

Removed references to  
bb-doack.sh. Not needed  
anymore  
Null assignments fixed  
Thanks to andrew@axonet.com.au  
Fixed incorrect history file  
More sanity checks

Misc changes  
Thanks to Mark.Deiss@acs-gsg.com  
Make sure that conn test returns  
an error when an "unreachable"  
message appears

Misc changes  
Thanks to andrew@axonet.com.au  
TCP service codes are now  
displayed in the error  
numeric code  
Option -q and -Q are not  
mutually exclusive anymore.  
-Q option now covers all errors.  
Error messages in standard format.  
Thanks to Mark.Deiss@acs-gsg.com

Local tests are now optional  
changed mv to \$MV and cat to \$CAT  
debug() call is now wrapped  
around an #if DEBUG directive

Misc fixes noted by  
Joe.Moore@src.com , thanks !  
Added resilience when malformed  
requests we're made.

27 Nov 2000	src/utlils.c install/bbsys.sco install/bbsys.sco3	Changed MAIL definition thanks to Mark.Deiss@acs-gsg.com Added REGEXEP/RE_EXEC/REGEXEC -D defines. Also added bbsend.o & bbsys.o modules for dependancy and linking path corrections	08 Oct 2000	bin/bb-pagel.sh	Allow for regular expressions for fro brief recipients (briefrcpt) Based on a submission from "Mark Galbraith" <mgalbraith@annuncio.com> Added parameter to clean_string() Also added timestamped errors Fixed 'set' bugs (environment dumps)
24 Nov 2000	src/Makefile		08 Oct 2000	src/bbdc.c bin/bb-dock.sh bin/bb-page.sh bin/bb-pagel.sh bin/bb-enable.sh bin/bb-disable.sh	Added sanity checks
24 Nov 2000	install/bbsys.sco install/bbsys.sco3 install/bbsys.openbsd web/bb-hist.sh		06 Oct 2000	Changes for 1.5c2 web/bb-hist.sh web/bb-replog.sh web/bb-histlog.sh web/bb-rep.sh web/bb-hostsvc.sh web/bb-ack.sh src/bbnet.c src/utlils.c runbb.sh etc/bbdef.sh src/bbd.c src/bb.h	Cosmetic changes
15 Nov 2000	bin/bb-disable.sh bin/bb-enable.sh etc/bbchkwarnrules.sh	Fixed bug in a sed statement Thanks to cdenneen@onsiteaccess.net , ' in hostnames. services weren't allowed Fixed bug when under certain circumstances, a rule would be judged invalid when it was valid Script to automatically acknowledge an e-mail notification by replying. Set up in .forward Don't calculate if a history file is missing Now using -DTIMEH	06 Oct 2000	bin/savehog.sh src/dohostsvc.c	moved getlinestr() to utlils.c
09 Nov 2000	bin/bb-network.sh		05 Oct 2000	src/utlils.c install/bbconfig bin/bb-network.sh	BBEXT (external script definition) has been moved to bbdef.sh Incorporated savehog.sh into bbd.c. removed savehog.sh Thanks to Andrew Dalgleish <andrew@axonet.com>
08 Nov 2000	bin/bb-mailack.sh		05 Oct 2000	bin/bb-page.sh	Missing </> Thanks to Mark.Deiss@acs-gsg.com new functions Added Unixware7 On IP_TEST_2_CLEAR_ON_FAILED_CONN the 2nd TCP test would not be cleared. Thanks to Christian Perrier@onera.fr Always try to match hosts using ~ suggested by Kenny.Gordon@dig.com BBWEBHOST was not constructed properly. Noticed by Andrew Laden <aladen@plustfunds.com> Drohwere@ixl.com Dominique.Frise@ci.unil.ch Fixed bug where processes info is gathered in each script Thanks to Jason_Hartshorn@mastercard.com Mark.Deiss@acs-gsg.com Support for sending SNMP traps *** UNSUPPORTED, MAY CHANGE IN FUTURE VERSIONS
03 Nov 2000	install/Makefile.sco install/Makefile.sco3 src/bbd.c src/dohostsvc.c src/bbstat.c src/dumphostsvc.c web/mkbb.sh bin/bb-pagel.sh bin/sendsms		02 Oct 2000	install/bbconfig	Fixed HTML help links for columns Thanks to Dominique.Frise@ci.unil.ch
30 Oct 2000	web/bb-replog.sh		02 Oct 2000	bin/bb-cpu.sh bin/bb-procs.sh	
25 Oct 2000	src/bbnet.c	Missing "set +f" Added support for smscilent ( http://www.styk.demon.co.uk/ ) Thanks to Andrew Dalgleish <andrew@axonet.com.au> Fixed typo which may cause an error Fixed core dumped when bbnet -s would be used without any arguments. Thanks to Douwe.Dijkstra@iPay.com Fixed typos. Thanks to Mark.Deiss@acs-gsg.com Display script name when it takes longer that loop time	02 Oct 2000	bin/bb-page.sh bin/bb-dock.sh bin/bb-page.sh bin/bb-pagel.sh etc/bbwarnsetup.cfg web/mkbb.sh	
24 Oct 2000	ext/mkbb/eventlog.sh web/mkbb.sh bin/bbrun		02 Oct 2000	bin/bb-page.sh bin/bb-dock.sh bin/bb-page.sh bin/bb-pagel.sh bin/bb-enable.sh bin/bb-disable.sh	
23 Oct 2000	web/bb-hist.sh web/bb-histlog.sh web/bb-rep.sh web/bb-replog.sh web/bb-hostsvc.sh web/bb-ack.sh	Fixed low-priority security issue (an issue nonetheless) where account names could be determined. In itself, it does not give access but provides some data to help in an account brute-force attack. Thanks to loki@f8labs.com	02 Oct 2000	bin/bb-page.sh bin/bb-dock.sh bin/bb-page.sh bin/bb-pagel.sh bin/bb-enable.sh bin/bb-disable.sh	
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10 Oct 2000	src/bbd.c src/bbd.c bin/bb-ping.sh bin/bb-network.sh	Removed additional chars changed die() to bbd_die() in PING call, converted "octet" to "byte". To fix a redhat problem	02 Oct 2000	bin/bb-page.sh bin/bb-dock.sh bin/bb-page.sh bin/bb-pagel.sh bin/bb-enable.sh bin/bb-disable.sh	
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10 Oct 2000	src/bbd.c src/bbd.c bin/bb-ping.sh bin/bb-network.sh		02 Oct 2000	bin/bb-page.sh bin/bb-dock.sh bin/bb-page.sh bin/bb-pagel.sh bin/bb-enable.sh bin/bb-disable.sh	
10 Oct 2000	src/bbd.c src/bbd.c bin/bb-ping.sh bin/bb-network.sh		02 Oct 2000	bin/bb-page.sh bin/bb-dock.sh bin/bb-page.sh bin/bb-pagel.sh bin/bb-enable.sh bin/bb-disable.sh	
10 Oct 2000	src/bbd.c src/bbd.c bin/bb-ping.sh bin/bb-network.sh		02 Oct 2000	bin/bb-page.sh bin/bb-dock.sh bin/bb-page.sh bin/bb-pagel.sh bin/bb-enable.sh bin/bb-disable.sh	
10 Oct 2000	src/bbd.c src/bbd.c bin/bb-ping.sh bin/bb-network.sh		02 Oct 2000	bin/bb-page.sh bin/bb-dock.sh bin/bb-page.sh bin/bb-pagel.sh bin/bb-enable.sh bin/bb-disable.sh	
10 Oct 2000	src/bbd.c src/bbd.c bin/bb-ping.sh bin/bb-network.sh		02 Oct 2000	bin/bb-page.sh bin/bb-dock.sh bin/bb-page.sh bin/bb-pagel.sh bin/bb-enable.sh bin/bb-disable.sh	
10 Oct 2000	src/bbd.c src/bbd.c bin/bb-ping.sh bin/bb-network.sh		02 Oct 2000	bin/bb-page.sh bin/bb-dock.sh bin/bb-page.sh bin/bb-pagel.sh bin/bb-enable.sh bin/bb-disable.sh	
10 Oct 2000	src/bbd.c src/bbd.c bin/bb-ping.sh bin/bb-network.sh		02 Oct 2000	bin/bb-page.sh bin/bb-dock.sh bin/bb-page.sh bin/bb-pagel.sh bin/bb-enable.sh bin/bb-disable.sh	
10 Oct 2000	src/bbd.c src/bbd.c bin/bb-ping.sh bin/bb-network.sh		02 Oct 2000	bin/bb-page.sh bin/bb-dock.sh bin/bb-page.sh bin/bb-pagel.sh bin/bb-enable.sh bin/bb-disable.sh	
10 Oct 2000	src/bbd.c src/bbd.c bin/bb-ping.sh bin/bb-network.sh		02 Oct 2000	bin/bb-page.sh bin/bb-dock.sh bin/bb-page.sh bin/bb-pagel.sh bin/bb-enable.sh bin/bb-disable.sh	
10 Oct 2000	src/bbd.c src/bbd.c bin/bb-ping.sh bin/bb-network.sh		02 Oct 2000	bin/bb-page.sh bin/bb-dock.sh bin/bb-page.sh bin/bb-pagel.sh bin/bb-enable.sh bin/bb-disable.sh	
10 Oct 2000	src/bbd.c src/bbd.c bin/bb-ping.sh bin/bb-network.sh		02 Oct 2000	bin/bb-page.sh bin/bb-dock.sh bin/bb-page.sh bin/bb-pagel.sh bin/bb-enable.sh bin/bb-disable.sh	
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10 Oct 2000	src/bbd.c src/bbd.c bin/bb-ping.sh bin/bb-network.sh		02 Oct 2000	bin/bb-page.sh bin/bb-dock.sh bin/bb-page.sh bin/bb-pagel.sh bin/bb-enable.sh bin/bb-disable.sh	
10 Oct 2000	src/bbd.c src/bbd.c bin/bb-ping.sh bin/bb-network.sh		02 Oct 2000	bin/bb-page.sh bin/bb-dock.sh bin/bb-page.sh bin/bb-pagel.sh bin/bb-enable.sh bin/bb-disable.sh	
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10 Oct 2000	src/bbd.c src/bbd.c bin/bb-ping.sh bin/bb-network.sh		02 Oct 2000	bin/bb-page.sh bin/bb-dock.sh bin/bb-page.sh bin/bb-pagel.sh bin/bb-enable.sh bin/bb-disable.sh	
10 Oct 2000	src/bbd.c src/bbd.c bin/bb-p				

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20 Sep 2000	install/bbconfig	Old-style directory structure would never be created if requested. Spotted by Heige Jacobsen <heige.jacobsen@ch.sbs.de> Fixed env dump when group-compress/group were used without titles	23 Aug 2000	web/*header web/*footer web/mkbb.sh web/mkbb2.sh ext/mkbb/eventlog.sh	Cleaned up generated HTML code
20 Sep 2000	web/mkbb.sh	NOV/Dec were set up as October...		bin/bb-network.sh	
20 Sep 2000	www/help/bb-rep.html	Thanks to gearad.zongee@nl.pwcglobal.com Column help links would not be displayed under certain circumstances	21 Aug 2000	bin/bb-rep2.sh	
20 Sep 2000	web/mkbb2.sh	Thanks to Dominique FRISE <Dominique.Frise@cl.unil.ch> BBWEB can be a full URL	21 Aug 2000	src/bbstat.c bin/bb-rep2.sh bin/bb-report.sh web/bb-hist.sh	Rolled back smtp test to old way (just send a QUIT) Disregard invalid lines in history files when calculating % in reporting Full text logs was unavailable because of new structure. ONLY available if you keep the old style structure. Thanks to "LEFAND, Guillaume" <Guillaume.LEFAND@9telecom
20 Sep 2000	install/bbconfig		21 Aug 2000		
Changes for 1.5c					
18 Sep 2000	web/mkbb.page	Fixed display problem when last line wasn't empty	.fr> 21 Aug 2000	src/bbstat.c	Fixed bug in reporting. Wrong % would be shown for single status (overall stats were correct)
18 Sep 2000	web/bb-ack.sh	BASE tag removed. Thanks to steve.neuharth@webhelp.com			
Changes for 1.5b					
15 Sep 2000	web/bb-hist.sh	Fixed bug in % calculation in new entries	21 Aug 2000	bin/bb-rep2.sh web/mkrep.page web/mkrep.colts bin/bb-page.sh	Fixed bug where pg- groups weren't notified because they contained an overriding pagedelay e.g.: pg-repts:60
15 Sep 2000	web/bb-replog.sh	Fixed bug in report generation under Solaris.	20 Aug 2000		Performance improvements in the creation of bb.html/bb2.html
web/mkbb.sh					
web/bb-report.sh					
Changes for 1.5a					
07 Sep 2000	src/dohostsvc.c	Fixed LOGTIME insertion in footer file	18 Aug 2000	web/mkbb.colts web/mkbb.comp web/mkbb.page web/mkbb.dkg web/mkbb.sh web/mkbb2.sh web/mkbbwml.sh	These directories moved out of BBHOME and BBHOME/www to facilitate upgrading Scripts and source files modified to reflect the new structure
07 Sep 2000	install/bbsys.ixix	Changed MAIL and sets OSMAME to ixix			
07 Sep 2000	etc/bbchkcmds.sh	Fixed bug where unresolved commands would not be trapped			
30 Aug 2000	install/bdconfig	Enhanced how the web server group name is defined. Also changed how the BBWEB variable is handled. Changed how BBWEBHTMLLOGS is handled. BB does not depend of full URL for BBWEB value. If you put BB on a DMZ, you should be able to access it using the internal address AND the external address	Changes for 1.5 14 Aug 2000	bbvar/logs/ bbvar/acks/ bbvar/hist/ bbvar/histlogs/ bbvar/disable/ bbvar/data/ etc/bbinc.sh src/bbd.c web/mkbb.sh runbb.sh ... (and many others) bin/bb-network.sh	bbnet error output for dialup hosts is now sent to /dev/null. Alarm timers are now user definable bbnet error output from dialup tests (?) is now sent to /dev/null. Prevent environment dumps Thanks to Joe Moore <Joe.Moore@adrc.com> Have BB remind you to reboot after xxx days of uptime Thanks to jim <jjg@disasters.interactive8.com> BBTMP used instead of BBHOME/tmp Thanks to Leonid Massarskiy <lmassars@mediapartnerships.
30 Aug 2000	ext/mkbb/eventlog.sh	Fixed bug in echo statement where '' weren't escaped			
29 Aug 2000	etc/bbsys.sh	Added MV			
28 Aug 2000	etc/bbchkcmds.sh	Performance enhancements. Reporting also merged with mkdb.sh as the display engine is identical	11 Aug 2000	src/bbnet.c	
28 Aug 2000	web/mkbb.sh		11 Aug 2000	etc/bbdef.sh	
28 Aug 2000	web/mkbb.comp		11 Aug 2000	bin/bb-network.sh	
28 Aug 2000	web/mkbb.colts				
28 Aug 2000	web/mkbb.dkg		11 Aug 2000	web/mkbb.sh	
28 Aug 2000	bin/bb-local.sh	bb-local.sh modularized.	10 Aug 2000	bin/bb-local.sh etc/bbdef.sh	
28 Aug 2000	bin/bb-cpu.sh		10 Aug 2000		
28 Aug 2000	bin/bb-disk.sh				
28 Aug 2000	bin/bb-msgs.sh				
26 Aug 2000	bin/bb-network.sh		10 Aug 2000	src/bbd.c	
25 Aug 2000	bin/bb-dosack.sh	URUS that had ' ' as part of them weren't properly handled	com> 10 Aug 2000	src/couchtime.c	
23 Aug 2000	bin/bb-page.sh	Standard error redirection done outside backquotes where making Solaris always 0 for \$?	09 Aug 2000	web/mkbbwml.sh	
23 Aug 2000	bin/bb-rep2.sh	Thanks to Mark Tovey <mtovey@nextlink.com>			
23 Aug 2000	web/mkbb.sh				
23 Aug 2000	web/mkbb2.sh				
23 Aug 2000	bin/bb-network.sh	HTTP tests with ? in it would fail	08 Aug 2000	install/Makefile.*	

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08 Aug 2000 etc/bbchkcmds.sh Added DIG check  
08 Aug 2000 src/bbnet.c Some web servers don't  
serve HEAD request properly.  
Just show HEAD request return  
values.  
08 Aug 2000 src/bbnet.c Added -s (silent mode).  
Just try to open the port.  
08 Aug 2000 bin/bb-network.sh bbnet error output from reverse tests (!)  
is now sent to /dev/null.  
08 Aug 2000 bin/bb-network.sh Added dig test. Same as  
dns but uses dig  
08 Aug 2000 bin/bb-network.sh New IP service tag "??".  
Any IP service preceded  
with this tag is considered  
a dialup service  
08 Aug 2000 bin/bb-display.sh Introduced WAP based  
etc/bbdef.sh display  
08 Aug 2000 web/mkbbm1.sh Reporting added  
www/gifs/bbnav4.gif  
www/psj/bbnav4.gif  
www/help/bb-rep.html  
www/help/bb-ack.html  
etc/bbinc.sh  
bin/bb-report.sh  
src/touchtime.c  
src/bbstat.c  
bin/bb-rep2.sh  
web/bb-rep.sh  
web/mkretep.pkg  
web/bb-replog.sh  
web/bbrep\_footer  
web/replog\_footer  
web/\*header  
install/bbconfig  
08 Aug 2000 runbb.sh  
20 Jul 2000 bin/bb-local.sh  
17 Jul 2000 src/bb.c  
19 Jun 2000 install/bbsys.ixix  
17 Jun 2000 src/bbnet.c  
09 Jun 2000 bin/bb-page1.sh  
bin/bb-page1.sh  
Changes for 1.4h2  
Change for 1.4h2  
10 Jul 2000 web/bb-hostsv.c  
Changes for 1.4h1  
08 Jun 2000 ext/failover  
Changes for 1.4h  
07 Jun 2000 src/bbd.c  
bin/bb-disable.sh

31 May 2000 bin/bb-network.sh  
etc/bbdef.sh  
31 May 2000 bin/bb-network.sh  
bin/bb-ping.sh  
30 May 2000 bin/runbb  
30 May 2000 src/touchtime.c  
30 May 2000 bin/bb-local.sh  
27 May 2000 bin/bbrun  
25 May 2000 bin/bb-disable.sh  
bin/bb-enable.sh  
24 May 2000 bin/bb-network.sh  
17 May 2000 web/mkbb.sh  
Changes for 1.4g  
14 May 2000 src/touchtime.c  
14 May 2000 src/touchtime.c  
13 May 2000 README.SECURITY  
12 May 2000 etc/bbsys.sh  
etc/bbchkcmds.sh  
etc/bbdef.sh  
install/bbconfig  
runbb.sh  
12 May 2000 runbb.sh  
12 May 2000 src/bbd.c  
bin/bb-disable.sh  
bin/bb-enable.sh  
11 May 2000 web/mkbb.sh  
www/help/bb-man.html  
www/help/bb-hosts.html  
web/mkbb.sh  
11 May 2000 install/bbsys.caldara  
install/bbsys.rechat  
install/bbsys.debian  
10 May 2000 install/bbclient  
10 May 2000 bin/bb-network.sh  
10 May 2000 src/bbd.c  
09 May 2000 ext/failover  
Changes for 1.4f  
05 May 2000 bin/bb-page1.sh  
05 May 2000 src/bbd.c  
05 May 2000 ext/failover  
05 May 2000 bin/bb-page1.sh  
etc/bbwarnsetup.cfg  
Changes for 1.4e

Thanks to Nicolas Chuche <chuche@leaser.fr>  
Also, duration can be expressed  
in sec/min/hrs/days  
BBSNTPREADS determine how many  
parallel bb-network.sh should  
run and split the network testing  
Dialup hosts only get pinged once  
SLEEP interval is now adjusted to  
script run time.  
Fixed bug where scanf of time\_t struct  
was incorrect on Alpha Linux  
Added precedence rules for bb-dfiba  
handling and fixed parsing problem  
when '!' started a line in bb-proctab  
Sleeping is now adjusted on the fly  
to make tests happen every \$BBSLEEP  
Fixed bug where duplicate  
offline/online would be sent  
if BBPAGER was also a BBDISPLAY  
URL tested in http test is displayed  
error status  
No more purple on local dialup tests  
Use time.h for AIX  
Fixed typo in "Sep"  
Created security comments/warnings  
file  
Added ID variable  
Added BBUUSER & STOPROOF variables  
Add a bit of sanity check when  
starting BB  
Warn about running BB as root  
Disabled wildcard expansion  
while doing a 'set'  
Added group-only directive  
Notes can also point to subdirectory  
Dominique Frise <Dominique.Frise@ci.unil.ch>  
In LYNX variable added missing  
-dump -head  
Added LYNX variable Thanks to  
Christian Perrier <Christian.Perrier@onera.fr>  
removed ending slashes for  
some directories. Thanks to  
Dominique Frise <Dominique.Frise@ci.unil.ch>  
Fixed missing comments in HTTP  
test. Thanks to  
Dominique Frise <Dominique.Frise@ci.unil.ch>  
Added sanity checks, thanks to  
Holger Marzen <Holger.Marzen@si-gmbh.de>  
Change the call to \$BB and make the  
docs a little clearer...  
Remove ep- prefix from recipient  
Thanks to Jason Englander <jason@interl.net>  
Fixed up security file handling where  
where bbd on Solaris would die.  
Fixed up the failover capability for BB



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08 Mar 2000	bin/db-network.sh	Made the timing values (if used) more visible in the HTTP test	web/mkbb.sh web/mkbb2.sh	and mkbb2.sh run. This is to add HTML enhanced data to bb.html and bb2.html
08 Mar 2000	etc/bbchkcmds.sh	MSGFILE test changed	etc/mkbb src/bbd.c	Purple delay is now embedded in status messages (status+time-to-expire)
08 Mar 2000	etc/bbchkwarnrules.sh	More info in mail returned to bbd4 Set script's shell to /usr/xpg4/bin/sh if Solaris Thanks to John Horne <J.Horne@plymouth.ac.uk>	web/mkbb.sh	Purple handling completely changed no more hardcoded 1/2 hour - now all incoming messages have their expiration date as the timestamp
Changes for 1.4beta				Fixed problem where \$FIND \$BRTMP would not traverse the \$BRTMP tree when \$BRTMP pointed to a symbolic link
06 Mar 2000	etc/bbdef.sh web/bb-hist.sh	Toggle BBHIST_IGNOREBLUE set to TRUE will not use values from the blue dot during the 24hour calculations	bin/bb-pagel.sh	Added notes support for .shtml/.php3 files
05 Mar 2000	www/gifs www/gifs-bb13	Moved new style gifs in. Gifs from bbd13 moved to gifs-bb13, change the \$BBSKIN to point at the one you want.	web/mkbb.sh web/mkbb2.sh etc/bbchkcfg.sh	Added check for BRTMP
04 Mar 2000	src/bb.c src/bbnet.c src/bbd.c	Fixed (hopefully) the 64-bit aversion of the networking code. Using "struct in_addr" now	src/bb.c	Final change for disable/enable facility
03 Mar 2000	src/bbd.c	Added "data" & "notes" msgs. "data" appends the given data to a named file in www/data "notes" writes the given msg data to a named file in www/notes	src/dohostsvc.c etc/bbdef.sh etc/bbinc.sh web/mkbb.sh web/*header web/*footer web/bb-hist.sh web/bb-ack.sh src/bbd.c	Implementation of Skins where you can create new gifs for BB.
03 Mar 2000	web/bb-hist.sh	Must be explicitly compiled with the -DDATMSG & -DNOTESMSG Added mention about AIX sort options. Thanks to Steffen.Scheibler	bin/bb-disable.sh bin/bb-enable.sh gifs/blue.gif gifs/bkg-blue.gif	Just change the \$BBSKIN name in bbinc.sh and put your gifs in that directory (www/<newname>) And you can have your own custom look.
02 Mar 2000	install/bbconfig	sort options. Thanks to Steffen.Scheibler	install/bbsys.hpux	Status/Host(s) can be disabled using the bb-disable.sh script.
02 Mar 2000	install/bbsys.caldera	<Steffen.Scheibler@sovers.at> Added caldera support and new pathname checking / fixing caldera support	web/mkbb.sh web/mkbb2.sh	You can reenable using bb-enable.sh
02 Mar 2000	etc/bbchkcmds.sh	New script to check pathnames	bin/savebbs.sh	Only works for display...
02 Mar 2000	etc/bbchkcfg.sh	Mod to call bbchkcmds.sh	src/bbnet.c	Must be explicitly compiled with the -DENABLE_DISABLE directive
02 Mar 2000	web/hist_footer	Slight change to those footers.	runbb.sh	Fixed the DPCMD, the SED syntax was problematic on certain HP-UX boxes
02 Mar 2000	web/hostsvc_footer	Explicit message when a purple message occurs to help reduce messages to the mailing list	web/mkbb2.sh	Put in code to verify that header/footer files were there and non-empty
02 Mar 2000	web/mkbb.sh	Added ping times to status log output. We owed one to Adam :)	bin/savelog.sh	Replaced references to keeplog.sh
02 Mar 2000	bin/bb-network.sh	Corrected bug where wildcards weren't handled properly	etc/bbchkwarnrules.sh	Fixed comment for return codes
02 Mar 2000	bin/bb-enable.sh	CHKMSGLEN added. Set to TRUE if you want to be warned on zero-length messages file		Thanks to Douwe Dijkstra <douw@1-pay.com>
02 Mar 2000	etc/bbdef.sh	Simple event log report for bb.html/bb2.html	src/dohostsvc.c	Added a check for rogue BB processes on startup. It yields a warning but does not prevent BB from starting.
01 Mar 2000	ext/mkbb/eventlog.sh	Similar to the work of MR NETOPS (Todd Jimenez <TJJimenez@outpost.com>) but his is nicer....	bin/bb-pagel.sh	Add this script to verify that the rules lines are properly defined
01 Mar 2000	src/bbd.c	Added code to save events per host and for all hosts	bin/bb-pagel.sh	Fixed buglet when header/footer was not found. Thanks to Mark Deiss <mcd@crem.acs-gsg.com>
01 Mar 2000	install/Makefile.redhat	fix CFLAGS, thanks to Adam Goryachev <adam@wesolvent.com.au>	web/mkbb.sh web/mkbb2.sh install/bbsys.netbsd	Made available, BBHOSTSVCDOTS & BBSVCNAME for custom notification
01 Mar 2000	src/dohostsvc.c	Added a <A NAME=...> tag such bookmarks can be made to have the HTML start displaying at real data hiding the header	etc/bbinc.sh	Newlines are retained in the e-mail
29 Feb 2000	web/mkbb2.sh	Event logs are also saved by host and for all hosts at once	web/mkbb.sh web/mkbb2.sh src/dohostsvc.c	no more long one line message ignore .bkg file in \$BBLGCS in purple file check
29 Feb 2000	src/touchtime.c		web/mkbb2.sh	Fixed bug that dumped environment when summary line had too many fields
29 Feb 2000	etc/bbdef.sh		web/bb-hist.sh	Changed PS to "ps -axww"
29 Feb 2000	etc/bbdef.sh		web/bb-hist.sh	Added DOTHERIGHT/DOTWIDTH in bbinc.sh for size of colored dot in mkbb.sh & mkbb2.sh
29 Feb 2000	etc/bbdef.sh	Execute scripts when mkbb.sh	web/bb-hist.sh	Added "Full HTML log" option
29 Feb 2000	etc/bbdef.sh		web/bb-hist.sh	HTML used to only last 50 entries
29 Feb 2000	etc/bbdef.sh		web/bb-hist.sh	Added BBIP & BBIPNAME to use in



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17 oct 1999	web/mkbb.sh	Use above to control display text	09 aug 1999	bin/bb-pagel.sh	
10 oct 1999	web/bb-hist.sh	status logs are clickable	09 aug 1999	src/bbd.c	
10 oct 1999	bin/bb-histlog.sh	clicking history dot gives old status			
10 oct 1999	etc/bbdef.sh	New status log can be saved if	08 aug 1999	web/mkbb.sh	
10 oct 1999	src/bbd.c	variable SAVESAVUSLOG = TRUE	08 aug 1999	www/help	
06 oct 1999	web/*_footer	Header/footer files are now read from			
	web/*_header	web/hostsvc_header & web/hostsvc_footer	04 aug 1999	etc/bbdef.sh	
	src/bbd.c	for some cosmetic changes			
03 oct 1999	bin/bb-network.sh	Change SERVER PAGE GAGED error msg	30 jul 1999	runbb.sh	
28 sep 1999	www/notes/footer	thanks Jim Fitzmaurice<jf@tznal.gov>			
	web/mkbb2.sh	ping by name for DHCP OK	29 jul 1999	bin/bb-local.sh	
	web/header	Cleaning up of generated HTML. Mostly			
23 sep 1999	src/bbd.c	missing quotes for <A href> and	27 jul 1999	doc/bbclient	
	bin/bb-local.sh	<IMG SRC> tags.			
22 sep 1999	bin/bb-local.sh	A process can be checked that is NOT	27 jul 1999	runbb.sh	
		running by prefixing it by !: httpd			
		Processes can be defined in etc/bb-proctab	23 jul 1999	bin/bb-local.sh	
		If bb-procs exists and entries for the	17 jul 1999	bin/bb-network.sh	
		local host are found then it overrides	13 jul 1999	src/bbd.c	
		PROCS/PAGEPROC settings in bbdef.sh			
		based on an idea of Jeff Younker<jef@mml.com			
			Changes for 1.2b		
22 sep 1999	src/bbd.c	Inserted missing </FORM> tag	13 jul 1999	src/touchtime.c	
22 sep 1999	web/mkbb.sh	Fixed bug where extra </TABLE> were added	10 jul 1999	bin/bb-network.sh	
		When no summaries existed	09 jul 1999	web/bb-ack.sh	
		Added HEAD	09 jul 1999	bin/bb-page.sh	
08 sep 1999	etc/bbsys.sh	Ip tests can appear as clear on failure	09 jul 1999	runbb.sh	
	etc/bbchkcfig.sh	if the conn test also failed. User definable	08 jul 1999	etc/template	
28 aug 1999	bin/bb-network.sh	Fixed summary problem when directory	07 jul 1999	etc/bbwarnsetup.cfg	
	web/mkbb.sh	path contained a ' '.			
27 aug 1999	web/mkbb2.sh	Thanks to Joe Moore<Joe.Moore@src.com>		bin/bb-page.sh	
		Multiple URLs can be specified on the same	06 jul 1999	src/touchtime.c	
26 aug 1999	bin/bb-network.sh	line without the ' ' separator	05 jul 1999	bin/bb-pagel.sh	
18 aug 1999	bin/bb-network.sh	You can check for services NOT running by		etc/bbwarnsetup.cfg	
		prefixing to the service name the 'i'			
		character: e.g. iftp	04 jul 1999	src/bb-pagel.sh	
18 aug 1999	src/bbnet.c	Inserted "User-Agent" tag when retrieving			
		URL. Thanks to Carl Privitt <carlp@pobox.com>	03 jul 1999	src/bbd.c	
14 aug 1999	install/	Move OS specific files into install/			
	etc/bbsys.Oses	Modified Documentation	29 jun 1999	src/bb.c	
	src/Makefile.Oses	Move bboconfig/bbclient to install/			
	install/bbconfig				
	install/bbclient				
	doc/FAQ				
	doc/README				
	README				
	www/help/bb-man.html				
14 aug 1999	www/help/bb-faq.html	Added code to support multiple BBDISPLAY	24 jun 1999	bin/bb-dock.sh	
	src/bb.c	and BBPAGERS			
12 aug 1999	bin/bb-page.sh	*** recipient in the ! rule wasn't	21 jun 1999	src/bbd.c	
		working. Thanks to			
		Scott Walters <scott@packerpushers.com>	20 jun 1999	etc/bbdef.sh	
11 aug 1999	etc/bbinc.sh	Added BBDISPLAYS and BBPAGERS	11 jun 1999	etc/bbdef.sh	
11 aug 1999	help/*	Changed references to bb4.com		web/mkbb.sh	
11 aug 1999	etc/bbdef.sh	Added NOPINGCLEAR. If set to TRUE	09 jun 1999	web/bb-hist.sh	
	bin/bb-network.sh	all status generated with noping	07 jun 1999	src/bbd.c	
		and host ipaddr=0.0.0.0 are displayed	07 jun 1999	bin/bb-pagel.sh	
		as clear dots. If not TRUE, no status		src/bbd.c	
		is generated. Can be used in conjunction		bin/bb-dock.sh	
		with nocomm (to select those you don't want	01 jun 1999	src/bbnet.c	
		with clear dots)			
09 aug 1999	etc/bbdef.sh	Added BBOSIRYPE	28 may 1999	bin/bb-network.sh	
09 aug 1999	doc/bbconfig	Misc changes for initial setup			
	doc/bbclient	and client tarball creation			

also added Solaris specific stuff

Modified brief message

Minor bug fixes, thanks to Andrew Dalglish <andrew@axonet.com.au>

Changes for moving help into Moved faq, man, help, info, page into new www/help directory

Changed bbd to bbrun in PROCS to check Thanks to Franklin.Petersen@crow.com

Grep for BB running shouldn't find grep Thanks wunderlich@vosnet.de

Scream if messages file is not present or unreadable

Copy /ext directory and added an informative message

EXT scripts can set the value of BBSLEEP individually (how long before next run)

added machine recently rebooted warning added "nocomm" keyword - no conn column added missing space when a new hist file

Backed out touchtime changes 301 and 302 are OK (not warning)

Additional checking

Fixed eval bug when using escalation recipient (well it's really a workaround and seems only to be for Solaris)

BBSLEEP s script configurable

Template to build an external script

Added the notion of host groups and page groups

Added -c and -d options

brief message option

briefcprc: token in config file and if rcpt is found in briefcprc then just send a brief message

Recoveries wouldn't always be sent out for DHCP hosts (000.000.000.000) changed the scope of an execip() call svangaridu.net

Fix unwanted exit error in socket call when reading status from stdin, it must not exit :)

Change the COLUMNS variable name to fix conflict in OpenBSD

Summaries don't generate a hist file anymore

Keep a log (recoveries.log) of all status changes from color in PAGELEVELS to color not in PAGECOLORS

changed some close() to fclose()

Tim Gurney <gurneyt@bep72.gpt.co.uk>

Added CGBINMEMHISTORY, URI to cgi-bin Added PURPLEDELAY (default -30)

Fixed bug when calculating clear

Fixed a possible date problem in 2003

Keep a log of notifications sent

Distinguish between notifications and recovery msgs (each have a log)

Remove extra newline when full block of data was read

Multiple http tests in one bb-hosts entry. http & https appear under the http column



26 may 1999	runbb.sh	use kill -9 and rm BBPID in restart	22 mar 1999	etc/bbsys.bsdt	Simon Greaves <Simon.Greaves@usp.ac.fj>
22 may 1999	src/bbnet.c	Added SIGSETJMP define to fix Redhat bug that hung bbnet. Applied to Linux and Debian also. Could be glibc... LOCKPREFIX set correctly for FreeBSD	17 mar 1999	web/mkbb2.sh	grep lives in /bin - thanks to Ray Parish <ray@emerald.is.com> removed borders for buttons
19 may 1999	etc/bbsys.freebsd	Glen Foster <gfoster@foster.com> change the queue from 5 to 30 for listen()	Changes for 1.09d	web/bb-hist.sh	Fixed security problem noted by Michael Smith
19 may 1999	src/bbd.c	Don't allow to start BB if another instance is running	24 apr 1999		
18 may 1999	runbb.sh	Partial support for https testing using Lynx w/openssl	Changes for 1.09c	src/bbnet.c	Fixed alarm() stuff and corrected buglet where connect timeouts not reported correctly as an error. Changed text from white to FFFFC0 to be printer-friendly
18 may 1999	bin/bb-network.sh	LYNX now only used for non-bbnet http tests (like for https)	10 mar 1999	www/html/header	
18 may 1999	etc/bbdef.sh	remove BBPID file on stop		web/mkbb.sh	
17 may 1999	runbb.sh	EXPR is /bin/expr, thank to Riley F Wilson	05 mar 1999	web/mkbb2.sh	
17 may 1999	etc/bbsys.bsdt	Change text to reflect new dir structure	05 mar 1999	web/bb-hist.sh	
17 may 1999	web/header	replaced grep with \$GREP	02 mar 1999	src/bbd.c	Cosmetic changes
13 may 1999	web/footer	Redirected output to /dev/null as BBOUR was getting large. Thanks to phigel@wrim.net	02 mar 1999	doc/bbconfig	Cosmetic changes: Added table header status message
13 may 1999	bin/sending		02 mar 1999	etc/bbsys.dgux	Added support to dgux
13 may 1999	bin/bb-pagel.sh			src/Makefile.dgux	From dduleke@astenal.com
Changes for 1.2a			Changes for 1.09b		
04 may 1999	bin/bb-network.sh	Fixed inconsistent status returned	24 feb 1999	etc/bbsys.sh	Added DF definition, default /bin/df
04 may 1999	web/mkbb.sh	Fixed bug that required groups in subpages and also bug that would sometimes display the last line of the last page in bb-hosts	21 feb 1999	web/mkbb.sh	Fixed file expansion bug when color was purple and status message was sent to BDISPLAY. Inserted no globber code
		All output to \$BHOME/BBOUR	21 feb 1999	bin/bb-page.sh	IMAP test bug when running under a System V type OS
04 may 1999	runbb.sh	Changed anon to testip	21 feb 1999	src/bbd.c	removed unnecessary malloc
Changes for 1.2		Added LOCKPREFIX	21 feb 1999	web/db-ack.sh	Inserted proper color for ALT text
01 may 1999	bin/bb-network.sh	Fixed backgrounds, etc		bin/bb-page.sh	Added pageadhtmlpath token
27 apr 1999	etc/bbsys.hpux	changed sed to \$SED - noticed by Nick Silberstein		bin/bb-pagel.sh	Modified code for html patch in email notification
26 apr 1999	web/mkbb.sh			src/bbd.c	Fixed overflow problem with long lines
26 apr 1999	web/bb-hist.sh	Added option to notify on recovery of problem	20 feb 1999	web/bb-hist.sh	Created bb-hist.sh
24 apr 1999	bin/bb-dock.sh		18 feb 1999	web/bb-hist.sh	Moved from www/bb-ack.sh to web/bb-ack.sh
	bin/bb-page.sh		18 feb 1999	web/db-ack.sh	Try 3 times before timing out. This should reduce false alarms.
	etc/bbwarnsetup.cfg		15 feb 1999	src/bbnet.c	Added -a option: return ctime() string can also specify offset
24 apr 1999	web/footer	Moved footer/header of HTML status file to \$BHOME/web such that www/html can be cleaned up with rm www/html/*	11 feb 1999	src/touchtime.c	Added -e option: return current time tick can also specify offset
	web/footer		10 feb 1999	src/touchtime.c	Fixed bug in notification where host would be marked as unmatched but should have been displayed under proper name
	src/bbd.c		10 feb 1999	bin/bb-page.sh	Added support for Dynix from Stephen Couch
23 apr 1999	bin/bb-page.sh	Added escalation & initial delay in notification facility	05 feb 1999	doc/bbconfig	Debian linux from Mark A. Bialik
21 apr 1999	bin/bb-pagel.sh	Fixed bug when using suffix for dialing	05 feb 1999	src/Makefile.dynix	Added support for Dynix
21 apr 1999	web/mkbb.page	Creates temp hosts file for subpage generation and returns bkg color	05 feb 1999	etc/bbsys.dynix	Added support for Dynix
21 apr 1999	web/mkbb.sh	Support for 'page' keyword	05 feb 1999	etc/bbsys.dynix	Added support for Debian
17 apr 1999	bin/bb-local.sh	Added feature to ignore certain messages during the messages/sylog check. IGNNSGS variable in bbdef.sh. bb can now use a system name as well as an IP address for server to send to	05 feb 1999	src/bbsys.debian	Removed extra "0" on green screen
17 apr 1999	etc/bbdef.sh		04 feb 1999	web/mkbb2.sh	fixed bug: used a FILE* as an argument to %s in a printf()
17 apr 1999	src/bb.c		03 feb 1999	src/bbd.c	if the BBDISPLAY host sends a summary to itself then remove it in www/logs before generating the background color
17 apr 1999	etc/bbinc.sh		03 feb 1999	web/mkbb.sh	Added support for IMAP
17 apr 1999	bin/bb-network.sh				new copy from Makefile.generic and added -DSEBK_END=2
15 apr 1999	runbb.sh		03 feb 1999	bin/bb-network.sh	Added short timeout for servers that don't send anything back.
15 apr 1999	src/bbd.c		02 feb 1999	src/Makefile.sunos	
13 apr 1999	bin/bb-page.sh		Changes for 1.09a	src/bbnet.c	
26 mar 1999	bin/bb-network.sh		02 feb 1999		
25 mar 1999	web/mkbb2.sh		Changes for 1.09	src/bbd.c	
22 mar 1999	etc/bbsys.osf		28 jan 1999		Replaced color tokens found in the



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src/bb.h  
bin/bb-local.sh

MAXBUF (largest message size now 8192)  
Send full 'df' output to BBDISPLAY

20 Oct 97

Version 1.05

PAGINGLOCK in runbb.sh from Martin Richard  
<martin@europa.collegebbdb.qc.ca>  
More security, grouping, dialup support

Changes for 1.07b  
24 Jun 98 bin/bb-network.sh  
24 Jun 98 etc/bbdef.sh

Added paging for all internet services  
Patrick Hopewell <p.hopewell@utoronto.ca>  
Added NONETPAGE, removed TELNETPAGE & HTTPPAGE

27 Apr 97

Version 1.04h

From: Jon Lewis <jlewis@nognatic5.fdt.net>  
Fix bbnet.c uninitialized data sent.  
From: Doug White <dwhite@gd.utoron.edu>  
Fix bbnet.c core dump on http addresses

Changes for 1.07a

21 Jun 98 bin/bb-network.sh  
21 Jun 98 src/bb.c  
21 Jun 98 src/bbnet.c

Better service checks and error messages  
Better error messages  
Better error messages

13 Apr 97

Version 1.04f

Added the FAQ to the docs directory.  
New little button for BB. Yup, that's it.  
Bill Petersen <brpetersen@sun7.dsccc.com>  
make web/mkbb.coils 25 times faster :)  
bb.h MAXLINE changed to 2048 to avoid  
making Solaris ftpd core dump on test

Changes for 1.07

17 Jun 98 bin/bb-network.sh  
17 Jun 98 bin/bb-page.sh

Added nopong option - ping test now optional  
Shortened subject line for mail paging

06 Mar 97

Version 1.04b

bbnet.c GET protocol correction from  
Don Sullivan (dsullivan@gaia.arc.nasa.gov)  
Fixed dumb table problem in mkbb2.sh

Changes for 1.06e

26 May 98 bin/bb-local.sh  
26 May 98 bin/bb-network.sh  
25 May 98 src/touchtime.c  
25 May 98 web/mkbb.sh  
25 May 98 bin/bb-page.sh  
25 May 98 bin/sendsmsg

PROCS now includes PAGEPROC to test  
Dialup services that fail = clear dot  
New functionality - does touch files  
Change related to touchtime  
Change related to touchtime  
Change related to touchtime

03 Mar 97

Version 1.04a

Thanks to Marc Albers (marca@cvt.ns.nl)  
Improved http testing from Douwe Dijkstra  
<D.Dijkstra@twinfo.nl> bbnet.c, bb-network.sh  
Fix bug in bbnet.c that messed up IP addrs  
From Fred Lindberg (cfl-srcid.wustl.edu)  
Ping test now uses IP address not name  
Tabs and spaces OK in /etc/services  
FQDN support (fully qualified domain names)  
New Generic server tests (ftp / pop3 / smtp)  
Extra help about the tests on the bb pages  
Standard footer can be included on all pgs  
Support for HPUX 9.X. moved MAIL defn to  
local files from Greg Baker (bakerg3@rpi.edu)

Changes for 1.06d

24 May 98 etc/bbsys.hpux

Added PINGPARS for hpux from Steve  
Bonds <bonds@agora.rdrop.com>  
Fix for year-rollover problem.

23 Feb 97

Version 1.04

Support for AIX from Darren Henderson  
(darren.henderson@state.me.us)  
Change prefix to force kermit to tone dial  
sendsmsg - get rid of echo on line busy  
sendsmsg - change test -e to test -f  
'cause solaris doesn't like it...  
bdf really should be in /bin for hpux

Changes for 1.06c

23 May 98 src/touchtime.c  
05 May 98 etc/bbsys.unixware  
18 Apr 98 bin/bb-network.sh  
29 Apr 98 bin/bb-network.sh

Fix for ping params from Jim Whitby  
dialup would page on clear...  
dns server testing from Frank Kujawski  
<frank@bluegrass.net>  
Added NSLOOKUP variable  
Added DNSERR variable  
Defined additional NSLOOKUP locations

03 Feb 97

Version 1.03a

Minor fix for systems using languages  
other than english (comma as decimal pt)  
Jacob Lundqvist adds SMS pager support  
and reworks kermit numeric paging, and  
fixed a variety of little buglets...  
Irix fixes from Jeffrey K. Matson  
<jmatson@cedar.micro.umu.edu>  
Clean up of etc/bbdef.sh includes;  
should only happen when needed now...  
Cute little "b" icon on brief view page

Changes for 1.06b

22 Mar 98 src/bbnet.c

http request to have \r's for roxen  
Brian Lenihan <brian@real.com>  
Got rid of BBPAGER-beta crap.  
standalone bbd core dump - fixed.  
Corrected comment about BBPAGER to PAGER  
remove extra socket() call  
Test 3 times before paging on ping  
MACHIP -> IPADDR when paging  
bb.gif HEIGHT and WIDTH were reversed  
BBBKG, BBDAT, BBTIME variables added  
etc/security fixes and bounds checking  
from fetch@muffin.arcadia.spb.ru  
SO\_REUSEADDR (bbd restart bug) from  
Gary Mills <mills@cc.umanitoba.ca>  
Support for PROXY checking... format is  
http://proxy.com/http://reg.url.com  
grep lives in /bin and ps has no -

29 Jan 97

Version 1.02c

Added support multiple pager numbers  
multiple pager types, numeric and e-mail  
preliminary support for alpha / SMS paging  
uptime now reported in CPU column, any  
uptime < 1 hour is a warning...  
SCO3 support Added by Richard Dansereau  
<dansereau.richard@regis.ugam.ca>  
bb-pager.sh included in release

Changes for 1.06a

29 Mar 98 README

Support for notes files links in summary lines.  
fix bug where numeric mail is sent via kermit  
Support display grouping & blanks in bb-hosts  
fix HTML syntax errors in display  
fix HTML syntax errors in display

12 Jan 97

Version 1.02

Security enhancements & bug fixes  
Put tmp files in BBTMP, not in /tmp  
thanks to Alan Cox (alan@cygnu.net)  
Disallow bogus status file creation  
from Jac Kersing (J.Kersing@the-box.com)  
fixes to bb-network.sh for kermit paging  
from Doug White (dwhite@resnet.utoron.edu)  
Support for Redhat Linux from Ron Nelson  
(rnelson@mpr.org)

Changes for 1.06a

16 Mar 98 src/bbd.c

Support for notes files links in summary lines.  
fix bug where numeric mail is sent via kermit  
Support display grouping & blanks in bb-hosts  
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fix HTML syntax errors in display

08 Jan 97

Version 1.01

Time of last update put in web page title  
bbnet.c deals with trailing / better...  
Fix for Sunos ping parameters  
Jim Whitby adds support for Unixware 2.0

Changes for 1.06a

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Support for notes files links in summary lines.  
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31 Dec 96

Version 1.00

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Changes for 1.06a

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23 Dec 96

Beta 0.99

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## README.CHANGES

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15 Dec 96      Beta 0.98  
12 Dec 96      Beta 0.97  
02 Dec 96      Beta 0.96  
27 Nov 96      Beta 0.95  
25 Nov 96      Beta 0.94  
21 Nov 96      Beta 0.93  
19 Nov 96      Beta 0.92  
18 Nov 96      Beta 0.91

Have fun.

--

Sean MacGuire  
http://bbd.com/

Fixed bug in bb-network.sh \$NAME -> MACHINE  
in status report.  
Added bbnnet to check network connections  
instead of lynx. All machines/ports can  
be checked, but just do http for now...  
bin/bb-network.sh and src/ changed.  
Support for SCO 5 from Douwe Dijkstra  
(D.Dijkstra@winfno.nl)  
Added non-blinking GIFS  
Added Solaris ping changes from  
Josh Wilmes (josh@sky.net)  
Added proper IRIX support with info from  
David Brandon (dbrandon@tamug.tamu.edu)  
Folded in Gunnar Helliesen's changes  
for OSF/Unix, Ultrix, and NetBSD  
Changes bin/bb-network.sh for ping  
code, and changed grep and rm to variables.  
Spit error code if variables undefined.  
Increase CPU warning > 150 error > 300  
Fixed bbd.c "errno.h" => <errno.h>  
Added Gunnar Helliesen's (gunnar@bitcon.no)  
changes to the infamous zombie code...  
Removed -DZOMBIE from linux makefile  
Added \$DPEXCLUDE to bin/bb-local.sh  
Fixed bad patch in src/bbd.c (in 0.91)  
Patched src/bbd.c check for signal interrupt

info@bbd.com  
+1 514 996 INET